

12. Schedule for Future Program Evaluations

The following table lists DOT program evaluations which will be conducted in fiscal years 2000-2005. The tables present the titles or subject matter of the evaluations, the strategic goal or goals they support, the methodology and scope of the studies and the estimated completion dates.

Table 12 Future Program Evaluations									
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete
	S	M	EG	E	NS				
Essential Air Service (OST/X)		X	X				Combination	Examine characteristics of communities served, type and frequency of service, and economic benefits	2000
International Aviation Liberalization (OST/X)			X				Combination	Evaluate the economic impact of eliminating bilateral restrictions in international aviation markets	2000
Elimination of Sub-Standard Vessels (USCG)	X				X		Combination	Evaluate impact of eliminating non-compliant vessels on major and medium oil spills and marine casualty rates	2000

Legend

S Safety
 M Mobility
 EG Economic Growth
 E Environment
 NS National Security
 OE Organizational Excellence

Methodology

Longitudinal – Study of data points or data series before and after intervention
 Cross Sectional – Study of different groups or sites at the same point in time
 Statistical – Regression or other statistical analysis
 Combination – Use of two or more complementary analytic techniques
 Management Study – Process evaluation using objective measurement and analysis
 Cost Benefit – Comparison of a program's outputs or outcomes with the costs to produce them

Table 12 Future Program Evaluations <i>(continued)</i>									
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete
	S	M	EG	E	NS				
Personal Flotation Device (PFD) Wear Rates and Wearability (USCG)	X						Combination	Evaluate the relationship between PFD wear rates and changes in wearability as a result of PFD design improvements	2000
Navigation Aid Mix System Analysis (USCG)	X	X	X				Combination	Evaluate the relative effectiveness of electronic, audio, visual, and other aids to navigation	2000
Security Screening for Baggage and Passengers (FAA)					X		Longitudinal	Evaluate impact of security screening programs on detection of improvised explosive devices and weapons	2000
Acquisition Reform (FAA)						X	Longitudinal	Third year internal evaluation of the implementation of Acquisition Reform	2000
Restriction Reduction Plan-Supports Free Flight (FAA)		X	X				Longitudinal	Evaluate initiatives to reduce restrictions constraining the NAS	2000
Highway Cost Allocation (FHWA)			X				Combination	Evaluate highway user charges based on equity, and economic efficiency principles	Updates
State Initiatives to Reduce Fatal Truck Crashes (FMCSA)	X						Combination	Examine the effectiveness of state truck safety initiatives	2000

Table 12 Future Program Evaluations (continued)										
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete	
	S	M	EG	E	NS					
Safe Communities (NHTSA)	X						Longitudinal and statistical	Examine the effectiveness of the Safe Communities program	2000	
Maritime Security Program (MSP) and Volunteer Intermodal Sealift (VISA) Agreement (MARAD)					X		Combination	Evaluate the impact of MSP/VISA in achieving national security goal	2000 - 2001	
Alternative Dispute Resolution Process Evaluation (Intermodal)						X	Management Study	Assess alternate dispute resolution processes in a variety of contexts—contracting and procurement, civil rights, workplace matters, and civil enforcement	2001	
Project Kimball (USCG)						X	Management Study	Evaluate operations, resources, staffing of groups, shore stations, and aids to navigation teams to improve performance	2001	
Readiness Tracking System (USCG)						X	Management Study	Evaluate overall operational readiness; recommendations for data system to track readiness	2001	
Recruiting Needs (USCG)						X	Management Study	Evaluate structure of recruiting program and plans to fill the workforce	2001	
Strategy for Migrant Interdiction Program (USCG)					X		Management Study	Evaluate inter-agency strategy for migrant interdiction	2001	

Table 12 Future Program Evaluations (continued)										
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete	
	S	M	EG	E	NS					
Cutter Crewing Model Assessment (USCG)						X	Management Study	Evaluate criteria for size and composition of crew aboard USCG Cutters	2001	
Acquisition Reform (USCG)						X	Management Study	Evaluate innovative practices resulting from Reinvention Lab	2001	
Drug Interdiction Deterrence Study (USCG)					X		Combination	Evaluate deterrent value of active presence of USCG interdiction forces	2001	
Safer Skies (FAA)	X						Combination	Evaluate commercial and general aviation loss of control, survivability, or aeronautical decision-making interventions	2001-2003	
Environmental Review Process Streamlining (FAA)				X		X	Management Study	Review decision making process for projects having an environmental decision component	2001	
Air Taxi Safety Study (FAA)	X						Combination	Review safety programs related to the air taxi segment of the aviation industry	2001	
Acquisition Reform (FAA)						X	Management Study	Review procurement and acquisition program flexibilities — Phase I	2001	
Selected Safety Initiative Evaluation (FHWA)	X						Combination	Evaluate highway safety improvement programs	2001	

Table 12 Future Program Evaluations <i>(continued)</i>									
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete
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Commercial Motor Vehicle Crash Causation Study (FMCSA)	X						Combination	Determine causal and contributing factors for crashes involving commercial motor vehicles	2001
Switching Operations Facility Analysis (FRA)	X						Combination	Evaluate recommendations to the railroad industry for reducing railroad employee fatalities	2001
Safety Data Analysis (BTS)	X					X	Management Study	Evaluate data needs in comparison to existing data collection and analytical processes	2001
Information Dissemination Process (Office of Intelligence and Security)					X	X		Evaluate current information dissemination requirements pertaining to transportation	2002
Maritime Safety Program Impact (USCG)	X						Combination	Evaluate the impact of safety strategies, on maritime fatalities, injuries and property	2002
Recreational Boating Fatality Data Capture (USCG)	X					X	Management Study	Evaluate data collection and analysis of boating fatalities	2002
Great Lakes Icebreaking (USCG)		X	X				Combination	Evaluate Great Lakes ice-breaking on mobility of goods and customer requirements	2002
Free Flight (FAA)		X	X				Longitudinal	Assess conflict probe-user request evaluation tools	2002

Table 12 Future Program Evaluations (continued)										
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete	
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Runway Incursion Study (FAA)	X					X	Management Study	Evaluate programs put into place to minimize the probability of runway incursions	2002	
Acquisition Reform (FAA)						X	Management Study	Review progress in procurement and acquisition program flexibilities—Phase II	2002	
CMAQ Program Study (FHWA)		X		X			Cross-sectional	Assess air quality, congestion relief and quality of life benefits of the CMAQ program	2002	
Safe Miles and CR Impact Assessment (FMCSA)	X						Combination	Assess roadside inspection program	2002	
Job Access and Reverse Commute (FTA)		X	X	X			Combination	Evaluate the Job Access program’s impact on the Welfare-to-Work initiative	2002	
Buckle Up America, Phase 1 (NHTSA)	X						Longitudinal and Cross-sectional	Evaluate the 1996-2000 joint efforts by NHTSA and its private sector partners to increase use of safety belts and child safety seats	2002	
Federally Funded Maritime Education and Training (MARAD)					X		Combination	Update MARAD FY 1999-2000 evaluation of federally funded education on the availability of mariners for defense mobility	2002-2003	
Rail Passenger Rider Ship Increase (FRA)		X					Longitudinal	Evaluate service improvements on long-term efforts to assure financial viability of Amtrak	2002	

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Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete
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Ship Scrapping Program (MARAD)				X	X		Combination	Evaluate effectiveness of ship scrapping efforts	2002
Pipeline Risk Management Demonstration Program (RSPA)	X			X		X	Combination	Evaluate a Congression-ally chartered experiment with regulatory alternatives and program development	2002
Invasive (Aquatic Nuisance) Species Program (USCG)				X			Longitudinal	Evaluate the voluntary ballast water management program	2003
National Estimate of Personal Flotation Devices (PFD) Wear Rate (USCG)	X						Longitudinal	Evaluate enumerating-PFD use over time	2003
Drug Interdiction Deterrence Study (USCG)					X		Combination	Final evaluation: a drug interdiction deterrence model	2003
Operational Errors and Deviation Abatement Study (FAA)	X						Combination	Evaluate agency efforts to minimize operational errors and deviations	2003
Innovative Finance Techniques (FHWA, FTA, FRA)		X	X				Longitudinal and Cross-sectional	Evaluate specific finance techniques 2 to 4 years after implementation	2003 - 2005
Assessment of Design-Build Contracting Procedures (FHWA)		X	X			X	Combination	Evaluate the effectiveness of design-build contracting	2003

Table 12 Future Program Evaluations (continued)										
Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete	
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Safety in the highway project development process (FHWA)	X						Cross-sectional	Evaluate how safety issues are integrated into the highway project development process at state and local levels	2003	
Rail Passenger Car Safety Standards (FRA)	X				X		Combination	Evaluate safety impacts of passenger Car Safety Standards on preventing occurrences involving railroad passenger equipment	2003	
Chemical/Biological Agent Detection (FTA)	X				X		Combination	Evaluate R&D and use of chemical, biological and explosives detection systems in the transportation system	2003	
Commercial Fishing Vessel Safety Program (USCG)	X						Combination	Evaluate the changes in fishing vessel casualty rates and the effectiveness of safety initiatives designed to reduce fishing vessel casualties	2004	
Ocean Guardian (Fisheries) (USCG)				X			Combination	Evaluate the impact of the fisheries law enforcement strategic plan OCEAN GUARDIAN	2004	
Long Term Capital Leasing (FAA)						X	Cost Benefit	Evaluate of lease vs. own for certain FAA capital equipment	2004	

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Program Evaluation	Strategic Goals					OE	Methodology	Scope	FY Complete
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Engineering Economic Analysis Tools (FHWA)		X	X				Cross-sectional	Identify tools (including life cycle costs, HERS) and evaluation framework in 2003. Assess tools in 2004	2004
Side Impact Protection (NHTSA)	X						Statistical (Crash Data)	Evaluate fatality- and injury-reducing benefits, and costs of side impact protection implemented in passenger cars since model year 1994	2004
Safety Integration Plan (SIP) Merger Surveillance Tracking (FRA)	X		X				Combination	Evaluate the safety impact of merged railroad corporations' SIP's on railroad safety	2004
Occupational Safety and Health (USCG)	X			X			Combination	Evaluate the most important aspects of the Coast Guard's Occupational Safety and Health Program on workers in marine safety and environmental protection	2005
Ocean Steward (USCG)				X		X	Combination	Evaluate the impact of the protected living marine resource strategic plan OCEAN STEWARD	2005
Commercial Motor Vehicle Crash Causation Study (FMSCA)	X						Combination	Determine causal factors for crashes involving commercial motor vehicles	2005

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Grade Crossing Closure Study and Warning Device Installations (FRA)	X						Combination	Evaluate preven- tive approaches to the reduction of at-grade railroad crossing crashes	2005